

IN THE SPECIFICATION

Replace the paragraph beginning on page 9, line 4 with the following paragraph:

Then the radiation is passed through objective 104 to be adjusted by refraction in order to fully illuminates the cube reflector 105. Between objective 104 and reflector 105, the radiation may have pass through an enclosure, for example, a moving vehicle on the road with alcohol molecules within the enclosure. The absorption of the alcohol molecules occurs for the first time. In a preferred embodiment of the present invention, alcohol molecules may be detected here. The reflected radiation fully illuminates spherical mirror 106 having a 6.5 cm diameter, which is positioned behind objective 104. The optical path between reflector 105 and spherical mirror 106 undergoes a second absorption of the alcohol molecules inside the enclosure. Because radiation passes through the enclosure twice, the absorption of the alcohol molecules amplifies. Spherical mirror 106 focuses the absorbed reflected radiation on the sensing area of analytical photodetector 107. Then, photodetector 107 generates raw analytical PD1 signal 114.